

## Safety Advisory Committee

March 2, 2012

1:30 – 3:30 PM

### Minutes

Committee Member	Representing	Present
Anderson, Erik	Materials Sciences Division	X
Bello, Madelyn	Human Resources Advisor	
Blodgett, Paul M.	Environment, Health and Safety Division	X
Cademartori, Helen	Information Technology Division	
Carithers, William	Physics Division	X
Christensen, John N.	Earth Sciences Division	X
Floyd, Jim	Safety Advisory Committee Chair	X
Franaszek, Stephen	Genomics Division	X
Fujikawa, Brian	Nuclear Science Division	X
Lidia, Steve	Accelerator & Fusion Research Division	X
Lukens Jr., Wayne W.	Chemical Sciences Division	X
Lunden, Melissa	Environmental Energy Technologies Division	
Martin, Michael C.	Advanced Light Source Division	X
More, Anil V.	Office of the CFO Advisor	
Taylor, Scott E.	Life Sciences Division	X
Tucker, Eugene	Facilities Division	X
Thomas, Patricia M.	Safety Advisory Committee Secretary	X
Walter, Howard	Computing Sciences Directorate	
Wong, Weyland	Engineering Division	X

**Others Present:** James Basore, Richard DeBusk, Michelle Flynn, Mary Gross, Howard Hatayama, Julie Henderson, Peter Lichty, Andrew Peterson, Rebecca Rishell, Scott Robinson, Mike Ruggieri, Jack Salazar, Andreas Schmid, Ann Tomaselli, Bill Wells, Marty White

#### Comments from the Chair – Jim Floyd

- **Temporary signage** – Materials Sciences Division raised a question about proper signage for temporary hazards. Larry McLouth and the Chemical Safety Subcommittee will look into the issue.
- **Borrowed items** – Earth Sciences Division had questions about safety reviews for borrowed items. The issue came up because of the mercury spill incident at the Molecular Foundry. This issue has been referred to the Division Safety Coordinators' Subcommittee.

## **Incident “Investigation” Charter – Howard Hatayama**

Howard Hatayama discussed the draft accident/incident investigation charter with Paul Alivisatos and some changes were made. The format was changed, with the 5 key concepts placed at the top as bullet items to improve communication. There is a new title: “Principles for Conducting Analyses. . .”. Dr. Alivisatos wanted to emphasize that we will be analyzing and evaluating situations, not conducting an inquisition. The revised charter will go back to Paul Alivisatos, to be transmitted down through Division Directors and Line Management. There is an expectation for Division Directors to show leadership. Results of incident analyses will be posted on the Lessons Learned website, to be distributed according to the preferences set in the database. The Division’s SAC Representative will be the contact person, unless the Division specifies someone else. The Office of Contractor Assurance will serve as a clearinghouse. Scott Taylor commented that the reports need to be screened to ensure names of individuals are not included, to preserve confidentiality. The names of interviewees are usually in the report appendices, which would not be posted. The system will be evaluated to determine how well it is working. Performance metrics will be developed, based on the principles. The new reports can be evaluated to determine whether there are improvements over past reports. An Issues Management effectiveness review is expected within the next year.

## **Traffic Safety – Paul Blodgett**

Richard DeBusk is the Subject Matter Expert for construction safety and for traffic, bicycle, and pedestrian safety. There was a communications glitch at the construction site for the new computational science research building. The construction management put out flyers about traffic safety without going through the Environment, Health, and Safety Division (EHS). Facilities and EHS will work together on any future safety communications. There are two committees that look at different aspects of traffic safety. The Facilities-based Traffic Safety committee looks at safety issues. The Directorate-Operations based committee works on institutional policy issues. Jim Dahlgard serves on both committees, to help coordinate their activities. Other committees are also involved. Division Safety Coordinators collect concerns and communicate traffic safety information. SAC should be involved in advising Lab Management on difficult policy decisions. Paul Alivisatos wants to be involved in issues involving safety culture and management actions.

## **Area Personal Protective Equipment (PPE) – Jim Floyd**

EHS and the PPE Subcommittee are working on the content for a PUB-3000 chapter, which will include Frequently Asked Questions. There may be a draft ready for discussion at the next SAC meeting. EHS (Joe Dionne) is planning the rollout process.

## **Division Priorities Discussion – Joe Dionne**

**Risk Management** – There have been some successes in balancing risk and compliance. The compressed gas chapter in PUB-3000 and new radiation protection requirements are examples. The Work Planning and Control system that is being developed will bundle work authorizations and match them with activities.

Joe Dionne asked for suggestions on what issues should be addressed next. Earth Sciences would like to look at the requirements for disposal of rocks with natural uranium. The new DOE Order on release of radioactive material includes dose modeling. Another consideration is the types of materials waste companies can accept. Berkeley Site Office (BSO) is also a stakeholder in the decisions, as they must consider community perception of risk. Scientists, BSO, and EHS will need to work together. LBNL needs to take responsibility for the risk decision. Decisions made by committees need to be documented. EHS does not have authority to make risk decisions about radiation safety.

The EFCOG (Energy Facility Contractors Operating Group) guidance requires risk assessment. There are several types of risk: injury, illness, property damage, mission success, financial, regulatory, etc. There is no central decision-making structure and different groups have different priorities. Joe Dionne is willing to chair a group to look at risk issues. Jim Floyd asked for volunteers.

There was also a suggestion to look at the program for inspecting and acceptance of electrical equipment.

**Customer service** – Customer satisfaction survey results will be released soon. EHS is making progress on improving response time, working collaboratively with researchers, and offering options. They are moving forward with a more systematic approach.

The meeting was adjourned at 2:30 PM  
Respectfully submitted, Patricia M. Thomas, SAC Secretary